

# HandEra Personal Digital Assistant (PDA) Training

Learning Cradle Setup and  
Palm Desktop Software  
Installation

## The USU Medical PDA Initiative

Integrate PDA into the Clinical Setting

- Communication while students are at clinical site
- Clinical encounter log collection
- Clinical reference material access
- Clinical calculator access
- Shared calendar - information push
- Clinical site coordination

In April 2000 Dean Hemming established a SOM committee to examine and make recommendations to him about PDAs for medical students. The committee recommended that PDAs should be issued. In August 2000 the Dean charged BID to implement the initiative. Dean Abdellah charged the GSN to issue the same device. A working group of students, staff, and faculty devised a staged working plan to deploy the PDA – distribution and intro, usage training, communication deployment at USU, communication deployment to the MTFs, evaluation and refinement.

## PDA Software

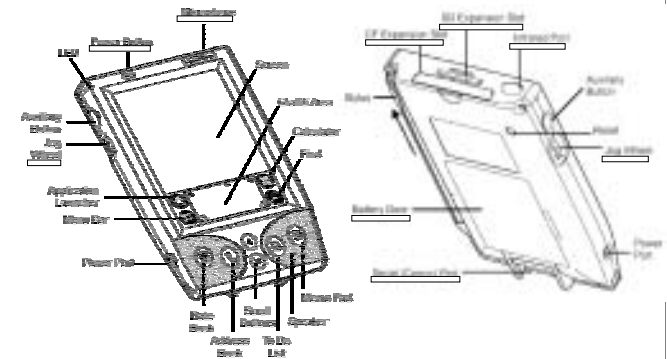
- 5MCC  
requires code and installation (code distributed today)
- Avantgo\* + CWebLog requires registration and installation  
or  
PalmOS CWebLog Client\*
- ePocrates\* – clinical drug database  
requires registration and installation
- MedMath\* – medical calculator
- iSilo\* or TealDoc\* - text readers

\*CD-ROM distribution in January 2003

The committee recommended a TRGPro (now HandEra) with these applications. You may, of course, add applications that you find useful. The PDAs are issued to you but you are responsible for maintaining the PDA in working order. During your clinical years, you are responsible to maintain these applications in a functional state. You will be expected to complete a two surveys covering your experience with the PDA.

Leon: Codes and Registration

## HandEra 330



## Introduction

- We will demonstrate installation of the Palm Desktop software onto your PC
- HandEra provides Palm Desktop 3.1; newer versions work with the HandEra PDA
- Allows you to use handheld applications on your PC
- Enables you to synchronize data (HotSync) on your handheld with the Palm Desktop software on your PC
- Synchronization is one-step procedure that ensures data is safe and up-to-date.

## Vocabulary

- HotSync: means to synchronize data between handheld computer and a desktop PC or server. You can HotSync via a cradle, a modem or the Internet.
- Backup: A handheld application that is an alternative for backup if you don't have a PC with the Palm Desktop

It's important that you maintain a backup copy of the applications and databases on the PDA. You have two options today. If you have an appropriate PC, HotSync is the preferred method. If and when you don't have access to an appropriate PC, you may purchase a CompactFlash memory card and use the CFBackup application.

We will install network cradles at USU (LRC and BID) and provide server-based backup. We intend to deploy network cradles to the MTFs by June.

## Before You Begin

- Is your computer appropriate
  - Windows 95/98/Me/NT/2000/XP\*
  - MacOS 9 or newer\*\*
  - A connection to the Internet (LAN or modem )
- Identify an available serial/COM port

\*Windows XP may require a newer version of the Palm Desktop.

\*\*To connect your HandEra 330 to a Macintosh, you will need a *PalmConnect USB* or *PalmConnect Serial Kit* from Palm.

Is the HandEra 330 compatible with a Palm Desktop installed on Windows XP?  
**FAQ says yes, Tech Support says NO**

Mac computer or compatible with a PowerPC processor

Mac OS X (version 10.1.2 or higher) or Mac OS 9.x with 12 MB available RAM

25 MB available hard disk space

CD-ROM or DVD-ROM drive

Mouse

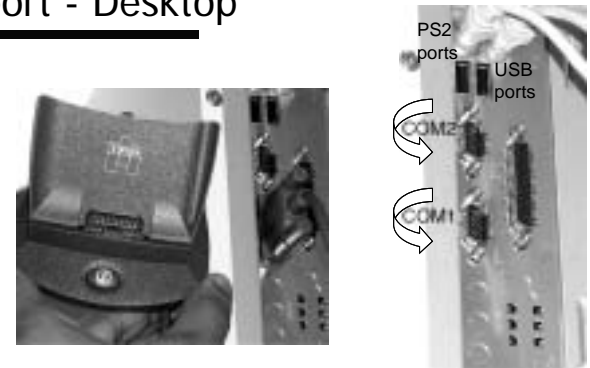
Minimum supported screen resolution is 800 x 600

One available USB port or serial port (serial/cradle sold separately)

Running Palm™ Desktop 4.0 for Mac on Mac OS 7.x and 8.x is not supported.

Users running Mac OS 7.x and 8.x should continue to use Palm Desktop software version 2.6.3.

## Identifying your serial / COM port - Desktop



PC usually have one or two serial/COM ports. On an Intel PC these ports always have 9 or 25 pins sticking out of the port(s). Identification can be simple on a current computer. It can be much more complicated on older machines.

Older machines may have 1 or 2 9-pin **OR** 25-pin (shaped like the parallel port but has 25 pins visible). They may have 1 9-pin AND 1 25-pin serial/COM ports.

Point out the two serial/COM ports, the USB ports, the PS/2 ports (mouse keyboard), and the parallel port.

## Identifying your serial / COM port - Laptop



PC Laptops usually have one video port (here on the left – no pins) and one serial/COM port (right with 9 pins visible). Some older laptops may have a 25-pin serial/COM port. These are not likely to be usable with the Palm Desktop software.

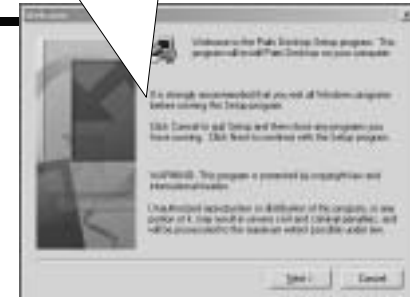
## *Before* actual Installation of Palm Desktop Software

- ❑ Turn off PC
- ❑ Connect cradle to PC at COM1 or COM2
  - ❑ A printer, serial mouse, modem, or other device may already be in COM1
  - ❑ Do not place PDA in the cradle now
- ❑ Restart PC

## Installation of Palm Desktop Software

- Exit any open programs (run at startup):  
Microsoft Office Taskbar, virus-scan
  - Do not copy the Palm Desktop software files to your PC's hard disk - you must use the Set-up program
- Insert Palm Desktop software CD-ROM into PC's CD drive. If Set-up Menu does not appear, double click the *Setup* icon to begin.

Be sure to close all open applications.



## Be Prepared

- When prompted for a name, use your GroupWise user ID e.g., s5jdoe
- Follow instructions to complete installation. Insert your HandEra into the cradle when prompted.

If a serial port dialog box appears, select an available COM port. This should be the same serial/COM port in which you have installed the HotSync cradle.



## Where to Get Information Manufacturer Resources

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- Handbook for HandEra handheld
- After installation, refer to the online help in Palm Desktop software
- HandEra website (support)  
<http://www.handera.com/support/330Tech.asp>
- Palm website (support)  
<http://www.palm.com/support/palmdesktop.html>

## Where to Get Information USU Resources

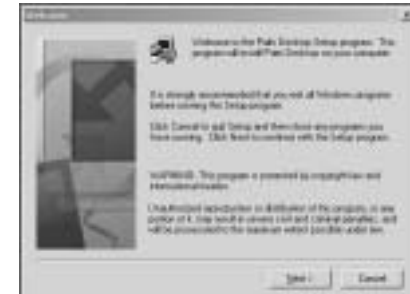
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- USU PDA Initiative website and discussion board: <http://cim.usuhs.mil/pda>
- Email: [pda@cim.usuhs.mil](mailto:pda@cim.usuhs.mil)
- Biomedical Informatics Department: 295-2163



## Backup Slides

## Insert CD-ROM (Autorun)



## Follow these instructions



## Do a *Typical* installation



## Most will use Palm Desktop



## Choose a *User Name*



## Setup will attempt to find your cradle



## Install *Mail* later if you need it



Almost done!



Install the User Guide!



## Optional Applications



## Your first HotSync

